DIN EN 1999-1-3/NA:2025-10 (E)

National Annex to DIN EN 1999-1-3:2024-11 - Eurocode 9 - Design of aluminium structures - Part 1-3: Structures susceptible to fatigue

Contents

Page

Foreword ... 4
NA.1 Scope ... 5
NA.2 National provisions ... 5
NA.2.1 General ... 5
NA.2.2 National provisions ... 5
NCI re 2 Normative references ... 6
NDP re 4.1(2), Note ... 7
NDP re 4.3.1(2), Note ... 7
NDP re 4.3.2(5), Note ... 7
NDP re 4.4(1), Note 1 ... 7
NDP re 4.4(1), Note 2 ... 7
NDP re 5(1), Note 1 ... 7
NDP re 6(2), Note ... 7
NDP re 7.8.1(1), Note ... 7
NDP re 7.8.2(1), Note 1 ... 7
NDP re 8.1.3(1), Note 2 ... 7
NDP re 8.1.3(1), Note 3 ... 7
NDP re 8.2.1(2), Note 2 ... 7
NDP re 8.2.1(7), Note ... 7
NDP re 8.2.1(10), Note ... 8
NDP re A.4.1(4), Note ... 8
NDP re A.4.1(5), Note ... 8
NDP re Annex B “Guidance on assessment of crack growth by fracture mechanics” ... 8
NDP re Annex C “Testing for fatigue design” ... 8
NDP re Annex D “Stress analysis” ... 8
NDP re Annex E “Adhesively bonded joints” ... 8
NDPs re E.2(6) and E.2(8) ... 8
NDP re Annex F “Low cycle fatigue range” ... 8
NDP re Annex G “Influence of applied stress ratio *R*” ... 8
NDP re Annex H “Fatigue strength improvement of welds” ... 8
NDP re Annex I “Castings” ... 8
NDP re I.3.2(1), Note ... 9
NDP re I.3.3.2(1), Note 2 ... 9
NDP re I.3.4(1), Note ... 9
NDP re Annex J “Detail category tables” ... 9
NDP re Annex K “Hot spot reference detail method” ... 9
NDP re Annex L “Guidance on use of design methods, selection of partial factors, limits for damage values, inspection intervals and execution parameters if Annex J is adopted” ... 9
NDP re L.4.2(5), Note ... 9
NDP re L.5(2), Note ... 9
NDP re L.6(3), Note 1 ... 9
NDP re L.6(3), Note 2 ... 9
NDP re L.6(4), Note ... 10
NDP re L.6(5), Note ... 10
NDP re L.7.1(1), Note ... 10

Tables

Table NA.1 — Decisions regarding the implementation of the informative annexes of DIN EN 1999-1-3:2024-11 in Germany ... 6